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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 612.40260X00

First Inventor Emmanuel DURET

Title See 1 in Addendum

Express Mail Label No.

A  
97-10001  
07/06/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 13]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 1 ]
5. Oath or Declaration [ Total Pages 2 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation    Divisional    Continuation-in-part(CIP)

of prior application No. \_\_\_\_\_

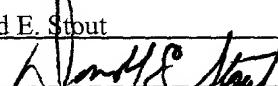
Prior application information

Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

|  |   |           |    |   |
|--|---|-----------|----|---|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label/ | 020457<br>(Insert Customer No. or Attach bar code label here) |           | or | <input type="checkbox"/> Correspondence address below |
| Name   |   |           |    |   |
| Address  |   |           |    |   |
| City   |   | State     |    | Zip Code  |
| Country  |   | Telephone |    | Fax   |

|                   |   |                                   |                   |
|-------------------|---|-----------------------------------|-------------------|
| Name (Print/Type) | Donald E. Stout   | Registration No. (Attorney/Agent) | 26,422            |
| Signature         |  |                                   | Date July 6, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

## Addendum

1. METHOD AND SYSTEM INTENDED FOR REAL-TIME ESTIMATION OF THE FLOW MODE OF A MULTIPHASE FLUID STREAM AT ALL POINTS OF A PIPE

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# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$750.00)

## Complete if Known

|                      |                |
|----------------------|----------------|
| Application Number   |                |
| Filing Date          | July 6, 2001   |
| First Named Inventor | Emmanuel DURET |
| Examiner Name        |                |
| Group / Art Unit     |                |
| Attorney Docket No.  | 612.40260X00   |

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **01-2135**

Deposit Account Name **Antonelli, Terry, Stout & Kraus, LLP**

Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

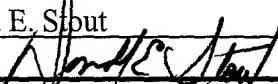
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description   | Fee Paid |
|----------------------------|----------------------------|---|----------|
| 105                        | 130                        | 205 65 Surcharge - late filing fee or oath  | 0.00     |
| 127                        | 50                         | 227 25 Surcharge - late provisional filing fee or cover sheet                     | 0.00     |
| 139                        | 130                        | 139 130 Non-English specification   | 0.00     |
| 147                        | 2,520                      | 147 2,520 For filing a request for reexamination                                  | 0.00     |
| 112                        | 920*                       | 112 920* Requesting publication of SIR prior to Examiner action                   | 0.00     |
| 113                        | 1,840*                     | 113 1,840* Requesting publication of SIR after Examiner action                    | 0.00     |
| 115                        | 110                        | 215 55 Extension for reply within first month                                     | 0.00     |
| 116                        | 380                        | 216 190 Extension for reply within second month                                   | 0.00     |
| 117                        | 870                        | 217 435 Extension for reply within third month                                    | 0.00     |
| 118                        | 1,360                      | 218 680 Extension for reply within fourth month                                   | 0.00     |
| 128                        | 1,850                      | 228 925 Extension for reply within fifth month                                    | 0.00     |
| 119                        | 300                        | 219 150 Notice of Appeal  | 0.00     |
| 120                        | 300                        | 220 150 Filing a brief in support of an appeal                                    | 0.00     |
| 121                        | 260                        | 221 130 Request for oral hearing  | 0.00     |
| 138                        | 1,510                      | 138 1,510 Petition to institute a public use proceeding                           | 0.00     |
| 140                        | 110                        | 240 55 Petition to revive - unavoidable   | 0.00     |
| 141                        | 1,210                      | 241 605 Petition to revive - unintentional  | 0.00     |
| 142                        | 1,210                      | 242 605 Utility issue fee (or reissue)  | 0.00     |
| 143                        | 430                        | 243 215 Design issue fee  | 0.00     |
| 144                        | 580                        | 244 290 Plant issue fee   | 0.00     |
| 122                        | 130                        | 122 130 Petitions to the Commissioner   | 0.00     |
| 123                        | 50                         | 123 50 Petitions related to provisional applications                              | 0.00     |
| 126                        | 240                        | 126 240 Submission of Information Disclosure Stmt                                 | 0.00     |
| 581                        | 40                         | 581 40 Recording each patent assignment per property (times number of properties) | 40.00    |
| 146                        | 690                        | 246 345 Filing a submission after final rejection (37 CFR § 1.129(a))             | 0.00     |
| 149                        | 690                        | 249 345 For each additional invention to be examined (37 CFR § 1.129(b))          | 0.00     |
| Other fee (specify) _____  |                            |   | 0.00     |
| Other fee (specify) _____  |                            |   | 0.00     |

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

Complete if applicable

|                   |   |                                   |        |           |              |
|-------------------|---|-----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Donald E. Stout   | Registration No. (Attorney/Agent) | 26,422 | Telephone | 703-312-6600 |
| Signature         |  |                                   |        | Date      | July 6, 2001 |

## WARNING:

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